

APPENDIX A

Field observations records: WP-26

Site WP-26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 1

☒ Residential/Commercial Development

Acres 8

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Black locust Ailanthus

yellow sweet clover PI

Catalpa, White Pine

Milkweed hairy suckle

mulberry, Silver maple

Fleabane, Wild geranium

Norway maple

Bull thistle, mulberry, yew

Fauna Sightings and Signs

Mourning Doves, Ring-billed Gulls

Other Observations (Topography, Soils, Streams)

FIELD OBSERVATIONS RECORD

Stand No. 2☐ Residential/Commercial DevelopmentAcres 14☐ UndevelopedPlant CommunitiesAgriculturalIndigenous☐ Crop☒ Old field/shrub > 50% weeds & trees under 10 ft.☐ Pasture☐ Transition forest > 50% trees under 6" dbh☐ Fallow☐ Mature forest > 50%Dominant VegetationOver storyUnder storylocust, mulberry, AilanthusPoison Ivy, grasses, white sweet cloverRed cedar, wild black cherrySaw Dock, silver maple, grapehackberry, Russian oliveAster, pokeberry, pin cherry, Yarrowwhite clover, Raspberry, Pin cherryDay lily (Apocynum), orchard grass, hollyhock, strawberry, goldenrodFauna Sightings and SignsMockingbirds, Grackle, Bob whiteOther Observations (Topography, Soils, Streams)

Transmission corridor right-of-way

FIELD OBSERVATIONS RECORD

Stand No. 3☐ Residential/Commercial DevelopmentAcres 20☐ UndevelopedPlant CommunitiesAgriculturalIndigenous☐ Crop☐ Old field/shrub > 50% weeds & trees under 10 ft.☐ Pasture☒ Transition forest > 50% trees under 6" dbh☐ Fallow☐ Mature forest > 50%Dominant VegetationOver storyUnder storyblack cherry, black locustSUMAC, black cherry, pin cherryMULBERRY, VIRGINIC PINE,POISON IVYAilanthusFauna Sightings and Signsquackie, bob whiteOther Observations (Topography, Soils, Streams)

FIELD OBSERVATIONS RECORD

Stand No. 4☐ Residential/Commercial DevelopmentAcres 14☐ UndevelopedPlant CommunitiesAgriculturalIndigenous☐ Crop☐ Old field/shrub > 50% weeds & trees under 10 ft.☐ Pasture☒ Transition forest > 50% trees under 6" dbh☐ Fallow☐ Mature forest > 50%Dominant VegetationOver storyUnder storyBlack cherry, Mulberry,Red cedar, sumac, hawthornAilanthusPI, grape, Raspberry, huckleberryFauna Sightings and SignsGoldfinch, bobwhiteOther Observations (Topography, Soils, Streams)

Site WP 26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 5

☒ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Black locust, black walnut

Privet, grass (claw)

dogwood, Black gum

BRIAR VIL, Poison Ivy

Spruce, Dogwood, Ailanthus

Virginia Creeper

HORSE CHESTNUT, SWAMP MAONOLIA

MULBERRY

Fauna Sightings and Signs

grackle, dog, people

Other Observations (Topography, Soils, Streams)

Site WP 26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 6

☐ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☒ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

grass

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

MOWED PASTURE - NOT CURRENTLY USED. FENCED w/ BARBED WIRE.

Site WP 26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 7

☒ Residential/Commercial Development

Acres 14

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Locust

Ailanthus

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Commercial shale quarry operation

Site WP26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 8

☐ Residential/Commercial Development

Acres 34

☐ Undeveloped

Plant Communities

Agricultural

☒ Crop

☐ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Transition forest > 50% trees under 6" dbh

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

CORN - NO TILL / ALFALFA

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site WP 26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 9

☒ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

American Holly, lilac

dappled

grape, bridal veil, Forsythia

Ornamental shrubs

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site WP 26

Martin Marietta Environmental Systems

Recorder RAL

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 10

☐ Residential/Commercial Development

Acres 10

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Corn

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site WP-26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 11

☐ Residential/Commercial Development

Acres 60

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☒ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Locust, Black Walnut, Cherry

grape, PI, sourdock

Ailanthus, Willow, Elm

Raspberry, honeysuckle

Hackberry

Multiflora Rose, Apple

Fauna Sightings and Signs

Yellow throat warbler

Other Observations (Topography, Soils, Streams)

Site WP 26

Martin Marietta Environmental Systems

Recorder RAC

Date 12 VII 84

FIELD OBSERVATIONS RECORD

Stand No. 12

☒ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

B. Cherry

Samarac

R. Maple

Lilac

B. Locus

Bridle veil

S. Maple

honeysuckle

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

APPENDIX B

Field observations records: FP-12

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 1

☐ Residential/Commercial Development

Acres 265

☐ Undeveloped

Plant Communities

Agricultural

☐ Crop

☒ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Transition forest > 50% trees under 6" dbh

☐ Mature forest > 50%

Dominant Vegetation

Over story

Black locust, Tree of Heaven

Sycamore

Under story

Poison Ivy, grass, Thistle

MULTIFLORA ROSE, Dandelion

Black Medick, Gold-rod

Bull Thistle

Fauna Sightings and Signs

GRACKLE, CARONAL, GOLDFINCH

SONG SPARROW, MOCKINGBIRD

VULTURE

Other Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 Oct 84

FIELD OBSERVATIONS RECORD

Stand No. 2

☒ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

☐ Crop

☐ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Transition forest > 50% trees under 6" dbh

☐ Mature forest > 50%

Dominant Vegetation

Over story

Norway Maple, Red Cedar

Henlock, White Birch

Under story

Rose, PINE, Yucca

Fauna Sightings and Signs

Starling, Grackle, Robin

Mockingbird

Other Observations (Topography, Soils, Streams)

two small Brick "Ranch style" homes on STAGE

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 3

☐ Residential/Commercial Development

Acres 50

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☒ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

ALNANTHUS, SYCAMORE

Bull thistle, Red clover

YARROW, YELLOW SWEET CLOVER,

MILKWEED, GOLDENROD

Fauna Sightings and Signs

Bobwhite

Other Observations (Topography, Soils, Streams)

FIELD OBSERVATIONS RECORD

Stand No. 4☐ Residential/Commercial DevelopmentAcres 74☐ UndevelopedPlant CommunitiesAgricultural☐ Crop☐ Pasture☐ FallowIndigenous☐ Old field/shrub > 50% weeds & trees under 10 ft.☐ Transition forest > 50% trees under 6" dbh☒ Mature forest > 50%Dominant VegetationOver storyWhite oak, Black locust, AlnusMulberry, Black WalnutWhite oak, Slippery Elm,Black cherry, white pine,
MOUNTAIN ASH, Bitternut HickoryUnder storyPoison Ivy, HawthornGoldenrod, Virginia CreeperHoneysuckle, GrapeRoxburyFauna Sightings and SignsMORPHEUS DOVE, RED tail HawkCATBIRD, BLUEJAYOther Observations (Topography, Soils, Streams)

Site EP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 5

☐ Residential/Commercial Development

Acres 38

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

CORN FIELD, MULBERRY

Thistle, P.I., horehound

Box Elder, Alliastmus

grass, goosefoot, smartweed

American Elm,

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Patchy corn field along railroad track
surrounded and split by hedgerows

FIELD OBSERVATIONS RECORD

Stand No. 6☐ Residential/Commercial DevelopmentAcres 4☐ UndevelopedPlant CommunitiesAgricultural☐ Crop☐ Pasture☐ FallowIndigenous☐ Old field/shrub > 50% weeds & trees under 10 ft.☒ Transition forest > 50% trees under 6" dbh☐ Mature forest > 50%Dominant VegetationOver storyALIANTHUS, Box ElderHORSEWEED, Black locustAmerican Elm, Black CherryUnder storyPinkish Ivy, honey suckleBox elder, Tick trefoilRaspberr, wild carrotVIRGINIA CREEPER, MULTIFLORA ROSEJOE PIE WOOD, POST OAK
white clover, Black Medick,Fauna Sightings and SignsOther Observations (Topography, Soils, Streams)

Semi open wood lot east of tracks
open field invades along access road

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 7

☐ Residential/Commercial Development

Acres 27

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☒ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Shaggy Elm, white pine

grass, milkweed, Sassa

Alnus, White ash,

grops honey suckle, golden rod

Red Bud

Yarrow, wild carrot, dog bone

box elder, poke weed, thistle
yellow sweet clover; geum

Fauna Sightings and Signs

Signs of deer browsing

deer tracks

ground hog burrows

Other Observations (Topography, Soils, Streams)

UTILITY Right-of-way

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 8

☐ Residential/Commercial Development

Acres 30

☐ Undeveloped

Plant Communities

Agricultural

☐ Crop

☐ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☒ Transition forest > 50% trees under 6" dbh

☐ Mature forest > 50%

Dominant Vegetation

Over story

Slippery Elm, black locust

Alnus, Box elder

hackberry

Under story

MULTIFLORA Rose, hawthorn

Raspberry, Poison Ivy

goldenrod, violet, grape

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 9

☐ Residential/Commercial Development

Acres 322

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Soy Bean, corn, ALFALFA

Rye

Fauna Sightings and Signs

Mockingbirds, bluebirds

crowd thrasher

Other Observations (Topography, Soils, Streams)

DAVEY FARM and NEIGHBORING FARM

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 10

☐ Residential/Commercial Development

Acres 223

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☒ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

herbaceous dead herbaceous
cover.

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 JUL 84

FIELD OBSERVATIONS RECORD

Stand No. 11

☐ Residential/Commercial Development

Acres 15

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☒ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

COVER of THISTLE

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Limestone outcrops on north end

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VII 84

FIELD OBSERVATIONS RECORD

Stand No. 12

☐ Residential/Commercial Development

Acres 27

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Soy Bean Piers

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FR12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 13

☐ Residential/Commercial Development

Acres 4

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☒ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Black Walnut, Pin Oak

Boxelder, Sycamore, Pawpaw

Black cherry, Albicortus

Black Oak, Hickory, Ash

Fauna Sightings and Signs

Mockingbird, gold finch, pheasant

Other Observations (Topography, Soils, Streams)

Site EP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15/1/84

FIELD OBSERVATIONS RECORD

Stand No. 14

☐ Residential/Commercial Development

Acres 44

☐ Undeveloped

Plant Communities

Agricultural

☐ Crop

☐ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Transition forest > 50% trees under 6" dbh

☒ Mature forest > 50%

Dominant Vegetation

Over story

White oak, pin oak

Red oak, Black locust

Alnus, Black cherry

Black Walnut, Ash*

Hackberry, Sycamore, Hornbeam
Hickory

Under story

Dogwood, grass, MULTIFLORA

Rose, grape, yellow, Thistle

Virginia creeper, Red bud

Slippery Elm

Fauna Sightings and Signs

3 grey squirrels

Other Observations (Topography, Soils, Streams)

Area used to graze cattle

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VII 84

FIELD OBSERVATIONS RECORD

Stand No. 15

☐ Residential/Commercial Development

Acres 39

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☒ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

INACCESSABLE by FOOT

Site EP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 Oct 84

FIELD OBSERVATIONS RECORD

Stand No. 16

☐ Residential/Commercial Development

Acres 17

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☒ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

* Not accessible by foot.

Site FP-12Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 17☐ Residential/Commercial DevelopmentAcres 10☐ UndevelopedPlant CommunitiesAgriculturalIndigenous☐ Crop☒ Old field/shrub > 50% weeds & trees under 10 ft.☐ Pasture☐ Transition forest > 50% trees under 6" dbh☐ Fallow☐ Mature forest > 50%Dominant VegetationOver storyUnder story

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

* Not accessible by foot

Site: FR12

Martin Marietta Environmental Systems

Recorder AK

Date 15VI84

FIELD OBSERVATIONS RECORD

Stand No. 18

☒ Residential/Commercial Development

Acres 3

☐ Undeveloped

Plant Communities

Agricultural

☐ Crop

☐ Pasture

☐ Fallow

Indigenous

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Transition forest > 50% trees under 6" dbh

☐ Mature forest > 50%

Dominant Vegetation

Over story

NORWAY MAPLE, SILVER MAPLE

TULIP POPLAR, ASH, JAPANESE

MAPLE, APPLE, MIMOSA, DOGWOOD

CATALPA, RED MAPLE, HEMLOCK

MULBERRY, BLACK LOCUST, AMERICAN ELM

Under story

PRIVET, LILAC, BOXWOOD

OLEASTRA, BAMBOO, GRASS

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Pleasant valley community

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 19

☐ Residential/Commercial Development

Acres 410

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Alfalfa (L) Winter wheat (e)

sambucus on edge

corn

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

2 houses on stand

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 20

☐ Residential/Commercial Development

Acres 1

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☒ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

White pine, ALNANTRUS

PI, honey Suckle, MULTIFLORA Rose

Blue Locust, White Oak

Grape

Black Oak, Black Walnut

Hackberry, Sycamore, tulip poplar

Black cherry, Birch

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 21☐ Residential/Commercial DevelopmentAcres 73☐ UndevelopedPlant CommunitiesAgriculturalIndigenous☐ Crop☐ Old field/shrub > 50% weeds & trees under 10 ft.☐ Pasture☐ Transition forest > 50% trees under 6" dbh☒ Fallow☐ Mature forest > 50%Dominant VegetationOver storyUnder story

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

UNABLE TO INSPECT DUE TO ROAD REPAIRING

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 II 84

FIELD OBSERVATIONS RECORD

Stand No. 22

☒ Residential/Commercial Development

Acres 3

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

American Elm, Red cedar

Virginia creeper, Tree

Red Bud, Black Walnut

Privet

Red Maple

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 29

☐ Residential/Commercial Development

Acres 27

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☒ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Slippery Elm, Box Elder

Poison Ivy, Sassafras

Hawberry, Alnus, Ash

Black cherry, Bursack

White oak, Red Oak, Hickory

Hawthorn

Black Gum

Fauna Sightings and Signs

Brown winged hawk calling

Flicker

Other Observations (Topography, Soils, Streams)

UNABLE to gain access

Timothy Koval. (TENANT)

TEL: 301-948-0202

Rockville Corp.

EXTREMELY HEAVY

POISON IVY UNDERGROW

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 II 84

FIELD OBSERVATIONS RECORD

Stand No. 24

☐ Residential/Commercial Development

Acres 9

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☒ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

grass, thistle, clover
Daisy

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15/84

FIELD OBSERVATIONS RECORD

Stand No. 25

☐ Residential/Commercial Development

Acres 29

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☒ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

CORN CROP

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Site FR12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 JUL 84

FIELD OBSERVATIONS RECORD

Stand No. 26

☒ Residential/Commercial Development

Acres 20

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☒ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

typha, Sambucus, milkweeds, grass
honeysuckle, multiflora rose, daisies
geum sp. thistle, goldenrod, raspberry,
pe, mulberry, soapwort, aliantus, dog bone

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

* transmission line roadway

FIELD OBSERVATIONS RECORD

Stand No. 27☐ Residential/Commercial DevelopmentAcres 11☐ UndevelopedPlant CommunitiesAgricultural☐ Crop☐ Pasture☐ FallowIndigenous☐ Old field/shrub > 50% weeds & trees under 10 ft.☒ Transition forest > 50% trees under 6" dbh☐ Mature forest > 50%Dominant VegetationOver storyUnder storyBlack locust, Alnus, Sycamore MULTIFLORA ROSEBlack gum, white pine, hornbeamAshFauna Sightings and SignsCROW, Song SparrowOther Observations (Topography, Soils, Streams)

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VII 84

FIELD OBSERVATIONS RECORD

Stand No. 28

☒ Residential/Commercial Development

Acres 25

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☒ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

Alnus, Sambucus,

grass, Thistle, Sambucus,

Rumex, Rose,

Catnip, Poison Ivy,

honey suckle, dog bone, Alnus,

Fauna Sightings and Signs

Gold Finch, deer tracks

Meadow Vole Runs

Other Observations (Topography, Soils, Streams)

high drained area
* transmission line corridor

Site FP-12

Martin Marietta Environmental Systems

Recorder RAC

Date 15 VI 84

FIELD OBSERVATIONS RECORD

Stand No. 29

☒ Residential/Commercial Development

Acres 20

☐ Undeveloped

Plant Communities

Agricultural

Indigenous

☐ Crop

☐ Old field/shrub > 50% weeds & trees under 10 ft.

☐ Pasture

☐ Transition forest > 50% trees under 6" dbh

☐ Fallow

☐ Mature forest > 50%

Dominant Vegetation

Over story

Under story

NONE

NONE

Fauna Sightings and Signs

Other Observations (Topography, Soils, Streams)

Dents substation

APPENDIX C

Water quality data from Willson filtration plant near WP-26.

Appendix C. Water quality data from Willson filtration plant near WP-26.

Test Parameter	Average	High	Low
pH	7.1	7.3	6.7
Alkalinity, ppm as CaCO ₃	46	75	15
Hardness, ppm as CaCO ₃	125	210	60
Total solids, ppm	190	375	120
Dissolved solids, ppm	189	375	120
Suspended solids, ppm	<1.0	<1.0	<.5
Free residual chlorine, ppm	1.8	2.3	1.5
Fluoride, ppm	1.05	1.25	.90
Total iron, ppm	<0.05	<0.05	N.D.*
Chlorides, ppm	30	40	20
Aluminum, ppm	0.10	0.40	<0.05
Nitrates, ppm	<1.0	<1.0	<1.0
Phosphates, ppm	<0.03	<0.03	N.D.*
Copper, ppm	<0.05	<0.05	N.D.*
Manganese, ppm	<0.03	<0.03	N.D.*
Calcium, ppm	105	170	50
Magnesium, ppm (calculated)	25	40	10
Turbidity, N.T.U.	0.35	1.8	0.05

*N.D. - indicates not detected

< - means less than

